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(54) PRODUCTION OF PLASTIC SHEET-LIKE MATERIAL AND APPARATUS FOR PRODUCTION

(57)Abstract:

PROBLEM TO BE SOLVED: To make it possible to produce a plastic sheet-like material with which high productivity is obtainable by executing a state for drying a coating material by using dry air after a coating stage.

SOLUTION: A coating material is applied on at least one surface of the plastic sheet-like material in succession to longitudinal stretching and is set to a transversely stretching machine, for example, a tenter. The coating material is dried by using air in the transversely stretching machine and the coated plastic sheet-like material is heated up to the transversely stretching conditions. In this drying stage, the plastic sheet-like material is heated up to the transversely stretching conditions by using the dehumidified air, by which the drying of the coating material is accelerated and the production of the plastic sheet-like material at a production rate higher than heretofore is made possible without changing the air temp., wind rate and the coating thickness of the coating material which are the conditions exclusive of humidity. The production is made possible without the occurrence of the unequal application and application defect of the coating material by the improvement in dryability.